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<b>AMENDMENT TRANSMITTAL LETTER</b>			Docket No. 0378-0403P	
Application No. 10/698,393-Conf. #002717	Filing Date November 3, 2003	Examiner P. J. Lee	Art Unit 2878	

Applicant(s): Kazuya ODA et al.

Invention: SOLID-STATE IMAGE SENSOR WITH THE OPTICAL CENTER OF MICROLENSES  
SHIFTED FROM THE CENTER OF PHOTO-SENSORS FOR INCREASING THE  
CONVERGENCE RATIO

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Transmitted herewith is an amendment in the above-identified application.

The fee has been calculated and is transmitted as shown below.

CLAIMS AS AMENDED					
	Claims Remaining After Amendment	Highest Number Previously Paid	Number Extra Claims Present	Rate	
Total Claims	27	- 20 =	7	x 50.00	350.00
Independent Claims	2	- 3 =		x	
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					
Other fee (please specify):					
<b>TOTAL ADDITIONAL FEE FOR THIS AMENDMENT:</b>					<b>350.00</b>

☒ Large Entity

☐ Small Entity

☐ No additional fee is required for this amendment.

☐ Please charge Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_.  
A duplicate copy of this sheet is enclosed.

☒ A check in the amount of \$ 350.00 to cover the filing fee is enclosed.

☐ Payment by credit card. Form PTO-2038 is attached.

☒ The Director is hereby authorized to charge and credit Deposit Account No. 02-2448  
as described below. A duplicate copy of this sheet is enclosed.

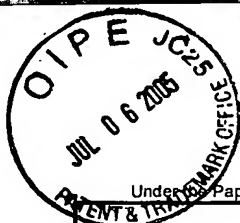
☒ Credit any overpayment.

☒ Charge any additional filing or application processing fees required under 37 CFR 1.16 and 1.17.

Michael R. Cammarata  
Attorney Reg. No.: 39,491

Dated: July 6, 2005

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PTO/SB/17 (12-04v2)  
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<b>FEE TRANSMITTAL</b> <b>For FY 2005</b>  <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		<b>Complete if Known</b>		
		Application Number	10/698,393-Conf. #002717	
		Filing Date	November 3, 2003	
		First Named Inventor	Kazuya ODA	
		Examiner Name	P. J. Lee	
TOTAL AMOUNT OF PAYMENT (\$)		350.00	Art Unit	2878
			Attorney Docket No.	0378-0403P

**METHOD OF PAYMENT** (check all that apply)

☒ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_

☐ Deposit Account Deposit Account Number: 02-2448 Deposit Account Name: Birch, Stewart, Kolasch & Birch, LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee

☒ Charge any additional fee(s) or underpayment of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

**FEE CALCULATION**

**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

**2. EXCESS CLAIM FEES**

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180

**Total Claims** 27 - 20 = 7 x 50.00 = 350.00

**Multiple Dependent Claims**  
**Fee (\$)** 360 **Fee Paid (\$)** 180

**Indep. Claims** 2 - 3 = 0 x 200 = 0

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
<u>27</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>

**4. OTHER FEE(S)**

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): \_\_\_\_\_

<b>SUBMITTED BY</b>			
Signature		Registration No. (Attorney/Agent)	39,491
Name (Print/Type)	Michael R. Cammarata	Telephone	(703) 205-8000
		Date	July 6, 2005



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: Kazuya ODA Conf.: 2717  
Appl No: 10/698,393 Art Unit: 2878  
Filed: November 3, 2003 Examiner: P. Lee  
For: SOLID-STATE IMAGE SENSOR WITH THE OPTICAL  
CENTER OF MICROLENSES SHIFTED FROM THE CENTER  
OF PHOTO-SENSORS FOR INCREASING THE  
CONVERGENCE RATIO

**REPLY UNDER 37 C.F.R. § 1.111**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**July 6, 2005**

Sir:

In reply to the Examiner's Non-Final Office Action dated April 6, 2005, the following amendments and remarks are respectfully submitted in connection with the above-identified application as follows:

- Amendments to the Specification;
- Amendments to the claims;
- Amendments to the drawings; and
- Remarks/Arguments.